

No fee is believed due; however, the Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-0629.

Respectfully submitted,



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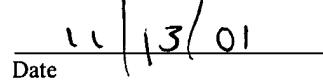
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Erick Calderon



Date

Appendix A
Marked-up claims

9. (Amended) The method of claim 6[, 7, or 8], wherein the cloning cell is an embryonic, fetal, or adult fibroblast.

10. (Amended) The method of claim 6[, 7, or 8], wherein the reprogramming cell is an unfertilized enucleated egg from another organism of the same, or a different, species from which the cloning cell was obtained.

11. (Amended) The method of claim 6[, 7, or 8], wherein the function of the gene is knocked out by homologous recombination.

12. (Amended) The method of claim 6[, 7, or 8], wherein the nuclear genetic material of the cloning cell is introduced into the reprogramming cell by nuclear transfer.

16. (Amended) A method of treating a patient in need of a transplant of a cell, tissue, organ, comprising transplanting into the patient cells, a tissue, or an organ produced in the animal of claim 1[or by the method of claim 6, 7, or 8].

17. (Amended) A cell, tissue, or organ produced by the method of claim 6[, 7, or 8].

18. (Amended) Use of a cell, tissue, or organ produced by the method of claim 6[, 7, or 8] in the treatment of a patient in need of a transplant of a cell, tissue, or organ, by transplanting the cell, tissue, or organ into the patient.

19. (Amended) Use of a cell, tissue, or organ produced by the method of claim 6[, 7, or 8] in preparation of a medicament for treatment of a patient in need of a transplant of the cell, tissue, or organ.